WEST

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Search Results -

Terms	Documents
foam and L29	23

Database: US Patents Full-Text Database; US Pre-Grant Publication Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

Search: L30

Refine Search

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Search History

DATE: Wednesday, February 19, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=USPT,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ		
L30	foam and L29	23	L30
L29	(air dry or air dried) near (oven dry or oven dried)	198	L29
L28	L27 near (wash or washed)	1	L28
L27	water near glycerin	1440	L27
L26	l19 near (wash or washed)	0	L26
L25	L24 not l23	14	L25
L24	glycerine near (wash or washed)	14	L24
L23	L22 near (wash or washed)	3	L23
L22	water near glycerine	1955	L22
L21	l19 not l20	27	L21
L20	l1 and L19	4	L20
L19	L18 near (glycerine or glycerin)	31	L19
L18	deionized water or de ionized water or deionised water or de ionised water	59844	L18
L17	l15 not l16	19	L17
L16	L15 not l14	46	L16
L15	L13 and l10	65	L15
L14	L13 same l5	26	L14
L13	l1 same l3	150	L13
L12	l1 and L11	24	L12
L11	L10 same l4	451	L11
L10	alginate or carboxymethylcellulose or collagen or polysaccharide or agar or polyethylene oxide or glycol methacrylate or carageenan or gelatin or gum	301449	L10
L9	bath near l4	0	L9
L8	l1 same l4	2	L8
L7	l1 and l3 and l4 and l5	0	L7
L6	l1 and l2 and l3 and l4 and l5	0	L6
L5	wash or washed	474245	L5
L4	calcium citrate	1670	L4
L3	oven dry or oven dried	9246	L3
L2	precipitant	6253	L2
L1	foam	322457	L1

END OF SEARCH HISTORY

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NEWS 2	Apr 08	"Ask CAS" for self-help around the clock
NEWS 3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4	Apr 09	ZDB will be removed from STN
NEWS 5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS 8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS 9	Jun 03	New e-mail delivery for search results now available
NEWS 10	Jun 10	MEDLINE Reload
NEWS 11	Jun 10	PCTFULL has been reloaded
NEWS 12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS 13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS 14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS 15	Jul 30	NETFIRST to be removed from STN
NEWS 16	Aug 08	CANCERLIT reload
NEWS 17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18	Aug 08	NTIS has been reloaded and enhanced
NEWS 19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS 20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS 23	Sep 03	JAPIO has been reloaded and enhanced
NEWS 24	Sep 16	Experimental properties added to the REGISTRY file
NEWS 25	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS 26	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS 27	Oct 21	EVENTLINE has been reloaded
NEWS 28	Oct 24	BEILSTEIN adds new search fields
NEWS 29	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 30	Oct 25	MEDLINE SDI run of October 8, 2002
NEWS 31	Nov 18	DKILIT has been renamed APOLLIT
NEWS 32	Nov 25	More calculated properties added to REGISTRY
NEWS 33	Dec 02	TIBKAT will be removed from STN
NEWS 34	Dec 04	CSA files on STN
NEWS 35	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 36	Dec 17	TOXCENTER enhanced with additional content
NEWS 37	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS 38	Dec 30	ISMEC no longer available
NEWS 39	Jan 13	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 40	Jan 21	NUTRACEUT offering one free connect hour in February 2003
NEWS 41	Jan 21	PHARMAML offering one free connect hour in February 2003
NEWS 42	Jan 29	Simultaneous left and right truncation added to COMPENDEX,

ENERGY, INSPEC
NEWS 43 Feb 13 CANCERLIT is no longer being updated

NEWS EXPRESS January 6 CURRENT WINDOWS VERSION IS V6.01a,
CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 15:40:15 ON 19 FEB 2003

=> fil caplus embase medline
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FULL ESTIMATED COST 0.21 0.21

FILE 'CAPLUS' ENTERED AT 15:40:28 ON 19 FEB 2003
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FILE 'MEDLINE' ENTERED AT 15:40:28 ON 19 FEB 2003

=> s (oven dry or oven dried)(s)(air dry or air dryed)
L1 52 (OVEN DRY OR OVEN DRIED)(S)(AIR DRY OR AIR DRYED)

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 51 DUP REM L1 (1 DUPLICATE REMOVED)

=> l2 and foam
L2 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s l2 and foam
L3 0 L2 AND FOAM

=> s l2 and polysaccharide
L4 1 L2 AND POLYSACCHARIDE

=> d kwic

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS
AB . . . was re-esterified in pyridine at room temp. for 5 days (41.2% EtCO). The quantity of I required varies with the **polysaccharide** and is governed by the viscosity of the dispersion. Details of the quantity of **polysaccharide**, I, pyridine, and anhydride, the time, and temp. are given for the prepn. of the acetate, propionate, and butyrate of. . . of white potato starch. Among the advantages of this method are that no extensive pretreatment is required, and either an **oven-dry** or **air-dry** sample can be esterified directly; a low reaction temp. can be used, which should minimize degradation. However, esterification is usually. . .

=> d l2 kwic

L2 ANSWER 1 OF 51 CAPLUS COPYRIGHT 2003 ACS
AB . . . than radial and tangential values, resp. The contact angle pattern typically displayed for a given species and plane was generally **oven-dry** > **air-dry** > freeze-dry. The species pattern for most methods and planes was: sweetgum > white oak > post oak > southern. . .

=> d l2 ibib kwic

L2 ANSWER 1 OF 51 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:848976 CAPLUS
TITLE: An investigation of selected factors that influence hardwood wettability
AUTHOR(S): Shupe, Todd F.; Hse, Chung Y.; Wang, Wan H.
CORPORATE SOURCE: School of Forestry, Wildlife, and Fisheries, Louisiana State University Agricultural Center, Baton Rouge, LA, USA
SOURCE: Holzforschung (2001), 55(5), 541-548
CODEN: HOLZAZ; ISSN: 0018-3830
PUBLISHER: Walter de Gruyter GmbH & Co. KG
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT
AB Wettability of sanded and non-sanded transverse and tangential sections of 22 southern hardwoods species was judged by measurement of contact angles using phenol formaldehyde resins. As expected, contact angle values on transverse sections were higher than those on tangential sections for both sanded and non-sanded surfaces. On sanded surfaces, hackberry had the highest mean contact angle (64.7.degree.), and black oak had the lowest mean contact angle (50.1.degree.). On non-sanded surfaces, winged elm had the highest mean contact angle (59.1.degree.), and sweetgum had the lowest mean contact angle (45.9.degree.). In addn., 4 of the 22 species (southern red oak, sweetgum, white oak, and post oak) were selected to investigate the effect of oven-drying, air-drying, and free-drying on

wettability. The mean transverse contact was 2.1.degree.-29.0.degree. and
5.1.degree.-31.5.degree. higher than radial and tangential values, resp. The contact angle pattern typically displayed for a given species and plane was generally **oven-dry** > **air-dry** > freeze-dry. The species pattern for most methods and planes was: sweetgum > white oak > post oak > southern red oak. White oak and post oak gave similar contact angle values.

=> d l2 2 ibib kwic

L2 ANSWER 2 OF 51 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:329159 CAPLUS
TITLE: Demonstrating environmental chemistry.
AUTHOR(S): Conklin, Alfred R., Jr.
CORPORATE SOURCE: Chemistry Dept, Wilmington College, Wilmington, OH, 45177, USA
SOURCE: Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, March 26-30, 2000 (2000), CHED-1015. American Chemical Society: Washington, D. C.
CODEN: 69CLAC
DOCUMENT TYPE: Conference; Meeting Abstract
LANGUAGE: English
AB I have developed a no. of environmental chem. demonstrations for the classroom. Most are related to basic soil chem. characteristics. The cation exchange characteristics of soil will be demonstrated several different ways using pH indicators and electricity. The sorptive behavior
of soil can be illustrated using **oven dry** soil and water or **air dry** soil and a volatile solvent. Using oven dry soil and a digital thermometer the heat of wetting of oven dry soil can be readily demonstrated. The large buffering capacity of soil can easily be demonstrated using a pH meter. These demonstrations will be
performed. Handouts of the demonstrations will be available. A book which contains more detail about the demonstrations will be available.

=> d l2 3 ibib kwic

L2 ANSWER 3 OF 51 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2000:445428 CAPLUS
DOCUMENT NUMBER: 134:58052
TITLE: An investigation of factors affecting wettability of some southern hardwoods
AUTHOR(S): Shupe, Todd F.; Hse, Chung Y.; Wang, Wan H.
CORPORATE SOURCE: LSU Agric. Center, Louisiana Coop. Ext. Serv., Baton Rouge, LA, USA
SOURCE: International Contributions to Wood Adhesion Research,
[based on the Forest Products Society Annual Meeting],
Merida, Mexico, June 21-24, 1998 (1999), Meeting Date 1998, 132-136. Editor(s): Christiansen, Alfred W.; Pilato, Louis A. Forest Products Society: Madison, Wis.
CODEN: 69AAZS
DOCUMENT TYPE: Conference
LANGUAGE: English

AB Wettability of sanded and non-sanded transverse and tangential sections of 22 southern hardwood species were judged by measurement of contact angles using phenol-HCHO resins. As expected, contact angle values on transverse sections were higher than on tangential sections for both sanded and non-sanded surfaces. On sanded surfaces, hackberry had the highest mean contact angle (64.7.degree.), and black oak had the lowest mean contact angle (50.1.degree.). On non-sanded surfaces, winged elm had the highest mean contact angle (59.1.degree.), and sweet gum had the lowest mean contact angle (45.9.degree.). In addn., 4 of the 22 species (southern red oak, sweet gum, white oak, and post oak) were selected to investigate the effect of oven-drying, air-drying, and freeze-drying on wettability. The mean transverse contact angle was 2.1.degree. to 29.0.degree. and 5.1.degree. to 31.5.degree. higher than radial and tangential values, resp. The contact angle pattern typically displayed for a given species and plane was generally **oven-dry** > **air-dry** > freeze-dry. The species pattern for most drying methods and planes was: sweet gum > white oak > post oak > Southern red oak. White oak and post oak gave similar contact angle values.

```
=> s l2 and pharmaceutical
L5            0 L2 AND PHARMACEUTICAL

=> s (oven dry or oven dried)(p)(air dry or air dried)
L6          306 (OVEN DRY OR OVEN DRIED)(P)(AIR DRY OR AIR DRIED)

=> s l6 and foam
L7            2 L6 AND FOAM

=> dup rem l7
PROCESSING COMPLETED FOR L7
L8            2 DUP REM L7 (0 DUPLICATES REMOVED)

=> d ibib kwic

L8   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2003 ACS
ACCESSION NUMBER:         1986:6696  CAPLUS
DOCUMENT NUMBER:          104:6696
TITLE:                    Expandable phenolic resin-coated composite beads, and
                          their molding
INVENTOR(S):              Masui, Kodo; Tanaka, Shigetoshi; Kobayashi, Yoshikazu
PATENT ASSIGNEE(S):       Sekisui Plastics Co., Ltd., Japan
SOURCE:                   Eur. Pat. Appl., 47 pp.
                          CODEN: EPXXDW
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   3
PATENT INFORMATION:

     PATENT NO.        KIND  DATE           APPLICATION NO.  DATE
     ---------------   ----  --------       ---------------  --------
     EP 154794          A1   19850918       EP 1985-100999   19850131
         R:  BE, DE, FR, GB, IT, NL, SE
     JP 60161438        A2   19850823       JP 1984-16880    19840131
     JP 04064333        B4   19921014
     JP 60161436        A2   19850823       JP 1984-16881    19840131
     JP 04069182        B4   19921105
```

JP 02018230 B4 19900424 JP 1984-188659 19840908
PRIORITY APPLN. INFO.: JP 1984-16880 19840131
JP 1984-16881 19840131
JP 1984-188659 19840908

AB Expandable phenolic resin-coated composite beads provide composite cellular moldings in which the aggregates are uniformly dispersed in a phenolic resin expanded layer and are firmly adhered to the expanded layer. The composite cellular moldings can be adhered to a face plate to form integral laminates. The coating compn. contains phenolic resin initial condensation product, a foaming agent, and if necessary a hardening agent. For example, novolak-type phenol-formaldehyde resin [9003-35-4] powder 100, dinitrosopentamethylenetetramine [101-25-7] 5, hexamethylenetetramine 10, and poly(oxyethylene) sorbitan monostearate 1 part were mixed-kneaded with a heated roll. After pulverization until 0.5% remained on a 100-mesh screen, the softening point was 81.degree. and the gelation time 76 s at 150.degree.. Spherical aggregates of phenol-formaldehyde with a 5-mm diam. served as core for the powd. resin and sprayed water as the binder, all in a ratio of 200 cm3:40 g:3 cm3. Next, the beads obtained were **air-dried**, then **oven-dried** at 70.degree. for 6 h. The coating on the beads was adherent and not completely foamed and had a mean thickness of 0.27 mm. The coated beads were put on talc and allowed to **foam** and harden for 30 min at 160.degree.. The resulting cellular moldings were spheres, 10-14 mm in diam., having an expanded layer of a dense **foam** structure at the surface. The cellular spheres were used to fill up a metallic mold to a bulk vol. of 30%, followed by heating and molding. The resulting molding had uniformly dispersed aggregates in which the voids between the spheres were filled with expanded phenolic resin of d. 100 kg/m3.

IT 75-69-4 101-25-7
RL: USES (Uses)
(blowing agents, for phenolic resin precondensate, in manuf. of **foam** with uniformly dispersed filler)

=> d 2 ibib kwic

L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1976:57769 CAPLUS
DOCUMENT NUMBER: 84:57769
TITLE: Yield and metal composition of corn and rye grown on sewage sludge-amended soil
AUTHOR(S): Cunningham, J. D.; Keeney, D. R.; Ryan, J. A.
CORPORATE SOURCE: Dep. Soil Sci., Univ. Wisconsin, Madison, WI, USA
SOURCE: Journal of Environmental Quality (1975), 4(4), 448-54
CODEN: JEVQAA; ISSN: 0047-2425
DOCUMENT TYPE: Journal
LANGUAGE: English

AB A greenhouse expt. is reported which was designed to evaluate possible detrimental effects due to high loadings of waste water sludge from 4 Wisconsin municipalities. The sludges were selected because of abnormally high concns. of Zn, Cu, Cr, or Ni, and were mixed, after being **air-dried**, with a limed (pH 6.8) sandy **foam** soil at rates from 63 to 502 metric tons/ha (**oven-dry** solids basis). The soils then were leached to remove sol. salts. Three crops [corn (Zea mays), rye (Secale cereale), and corn] was then grown in succession on the sludge-amended soils. Soil soln. cond. and soil pH were monitored at each

cropping, and vegetative yield and tissue concn. of Cd [7440-43-9], Cr [7440-47-3], Cu [7440-50-8], Mn [7439-96-5], Ni [7440-02-0], and Zn [7440-66-6] detd. One of the sludges was a high lime (pH 7.8) material, and this sludge raised soil pH to 7.4. At the high rates, the other sludges lowered pH somewhat. Also, sol. salts reached sufficient concn. at the higher rates to be detrimental to yield of the 1st corn crop. Significant pos. yield responses, due to N, P, and K added by the sludges, occurred up to the 125 metric ton/ha rate. On all but the high pH sludge, crop yields were depressed at the high rate. The tissue concn. of metals increased with sludge rate, and significant differences between sludges were found with respect to tissue metal concns. Phytotoxic concns. of Cu occurred most often. On the av.., the tissue concns. of the control were Cd 0.4, Cr 1.4, Cu 7.4, Mn 33, Ni 1.7, and Zn 38 ppm whereas at the 502 metric ton/ha rate of sewage sludge the values were Cd 5, Cr 6, Cu 23, Mn 346, Ni 16, and Zn 289 ppm.

```
=> s water(s)glycerine
L9          324 WATER(S) GLYCERINE

=> s l9(s)(wash or washing or washed)
L10          15 L9(S)(WASH OR WASHING OR WASHED)

=> dup rem l10
PROCESSING COMPLETED FOR L10
L11          11 DUP REM L10 (4 DUPLICATES REMOVED)

=> d ibib kwic

L11  ANSWER 1 OF 11     MEDLINE
ACCESSION NUMBER:   2002119720     IN-PROCESS
DOCUMENT NUMBER:    21842902   PubMed ID: 11853575
TITLE:              Evaluation of the results of therapeutic lamellar
                    keratoplasty and penetrating keratoplasty for fungal
                    corneal ulcer.
AUTHOR:             Wang R; Zou L; Dong D
CORPORATE SOURCE:   Department of Ophthalmology, Affiliated Tong Ren Hospital,
                    Capital Medical University, Beijing 100730, China.
SOURCE:             CHUNG-HUA YEN KO TSA CHIH [CHINESE JOURNAL OF
                    OPHTHALMOLOGY], (2000 Jan) 36 (1) 18-20.
                    Journal code: 16210540R. ISSN: 0412-4081.
PUB. COUNTRY:       China
DOCUMENT TYPE:      Journal; Article; (JOURNAL ARTICLE)
LANGUAGE:           Chinese
FILE SEGMENT:       IN-PROCESS; NONINDEXED; Priority Journals
ENTRY DATE:         Entered STN: 20020221
                    Last Updated on STN: 20021211
AB   . . . To evaluate the effects of therapeutic lamellar and penetrating
     keratoplasty for fungal corneal ulcer. METHODS: Donor corneas preserved in
     pure glycerine or water-free calcium chloride were
     used in corneal transplantation for fungal corneal ulcers that were poorly
     responsive to the anti-fungal medical treatment,. . . kill the fungi in
     the recipient bed, and diluted or original solution of fluconazole was
     used in penetrating keratoplasty to wash the anterior chamber.
     RESULTS: In the lamellar keratoplasty group, there were 23 cases; 18
cases
```

were cured with one surgery. . . 5% iodine. For deep ulcers or nearly perforative or perforated ulcers, diluted or original solution of diflucan
is used to **wash** the anterior chamber during penetrating keratoplasty, that can help to improve the success rate.

=> d 2 ibib kwic

L11 ANSWER 2 OF 11 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 1
ACCESSION NUMBER: 1999094884 EMBASE
TITLE: Affixing plant sections without protein based adhesives for
protease histochemistry.
AUTHOR: Jona R.; Griglione R.
CORPORATE SOURCE: Prof. R. Jona, Dipto. Colt. Arboree dell'Universita, Via Leonardo da Vinci 44, I-10095 Grugliasco, Italy. R.Jona@cvt.to.cnr.it
SOURCE: Biotechnic and Histochemistry, (1999) 74/1 (16-19).
Refs: 9
ISSN: 1052-0295 CODEN: BIHIEU
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 027 Biophysics, Bioengineering and Medical Instrumentation
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English
AB . . . the slices attached to the slides must be replaced because they are attacked by the enzyme and the slices are **washed** off the slides. We devised a method to keep the slices attached to the slides during histochemical extractions and subsequent. . . them a fluoride paste composed of 15 g barium sulfate, 15 g ammonium difluoride, 8 g oxalic acid, 40 ml **glycerine** and 12 ml deionized **water** using a thin paint brush. After removing the paste with tap **water** and drying the slides, the sections are placed on the central clear zone of the slide and covered with an. . .

=> d 3 ibib kwic

L11 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1993:26209 CAPLUS
DOCUMENT NUMBER: 118:26209
TITLE: Solder paste with organic flux for use on electronic apparatus
INVENTOR(S): Degani, Yinon; Morris, John R., Jr.
PATENT ASSIGNEE(S): AT and T Bell Laboratories, USA
SOURCE: U.S., 4 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5150832	A	19920929	US 1991-724561	19910628
EP 520686	A1	19921230	EP 1992-305584	19920618
EP 520686	B1	19980114		

R: DE, FR, GB
JP 05185277 A2 19930727 JP 1992-168045 19920626
PRIORITY APPLN. INFO.: US 1991-724561 19910628
IT 50-70-4, Sorbitol, uses 56-81-5, **Glycerine**, uses 57-55-6, Propylene glycol, uses 57-88-5, Cholesterol, uses 69-65-8, Mannitol 77-92-9, Citric acid, uses 87-69-4, Tartaric acid, uses 99-96-7, 4-Hydroxybenzoic acid, uses 110-27-0, Isopropyl myristate 6915-15-7, Malic acid 9000-65-1, Tragacanth gum 9003-29-6, Polybutene 9003-39-8, Poly(vinylpyrrolidone) 9004-62-0, Hydroxyethyl cellulose 9005-25-8, Starch, uses 25322-68-3, Polyethylene glycol 25322-69-4, Polypropylene glycol
RL: USES (Uses)
(flux contg., soldering paste with, for screen printing and **water washing** of residues)

=> d 4 ibib kwic

L11 ANSWER 4 OF 11 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1987:647397 CAPLUS
DOCUMENT NUMBER: 107:247397
TITLE: Washing liquid for gallium arsenide crystals
INVENTOR(S): Nakajima, Masahiro; Ohashi, Taizo
PATENT ASSIGNEE(S): Toshiba Corp., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 3 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62177000	A2	19870803	JP 1986-13909	19860127

PRIORITY APPLN. INFO.: JP 1986-13909 19860127
IT 56-81-5, **Glycerine**, properties
RL: PRP (Properties)
(mixt. with **water**, **washing** of polished surface of gallium arsenide with)

=> d 5 ibib kwic

L11 ANSWER 5 OF 11 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 2
ACCESSION NUMBER: 81150398 EMBASE
DOCUMENT NUMBER: 1981150398
TITLE: A hematoxylin and eosin-like stain for glycol methacrylate embedded tissue sections.
AUTHOR: Troyer H.; Babich E.
CORPORATE SOURCE: Dept. Anat., Sch. Med., Univ. Missouri, Kansas City, Mo. 64108, United States
SOURCE: Stain Technology, (1981) 56/1 (39-43).
CODEN: STTEAW
COUNTRY: United States
DOCUMENT TYPE: Journal
FILE SEGMENT: 005 General Pathology and Pathological Anatomy
001 Anatomy, Anthropology, Embryology and Histology
LANGUAGE: English
AB . . . of the dye with 0.5 ml concentrated sulfuric acid. It is then dissolved with the following solution. Add 14 ml **glycerine** to

100 ml 2.5 percent ferric ammonium sulfate and warm the solution to 50 C. Finally adjust the pH to. . . immersed in the celestine blue solution for five minutes and in the ponceau-fuchsin solution for ten minutes with an intervening **water** rinse. After a final **wash**, the sections are air dried and coverslipped. This staining procedure colors the tissues nearly the same as hematoxylin and eosin. . .

=> d 6 ibib kwic

L11 ANSWER 6 OF 11 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 3
ACCESSION NUMBER: 78198964 EMBASE
DOCUMENT NUMBER: 1978198964
TITLE: Enzyme clearing of alcian blue stained whole small vertebrates for demonstration of cartilage.
AUTHOR: Dingerkus G.; Uhler L.D.
CORPORATE SOURCE: Sect. Ecol. Syst., Div. Biol. Sci., Cornell Univ., Ithaca, N.Y. 14853, United States
SOURCE: Stain Technology, (1977) 52/4 (229-232).
CODEN: STTEAW
COUNTRY: United States
DOCUMENT TYPE: Journal
FILE SEGMENT: 001 Anatomy, Anthropology, Embryology and Histology
005 General Pathology and Pathological Anatomy
LANGUAGE: English
AB . . . of small vertebrates cleared after alcian blue staining of cartilage is facilitated by trypsin digestion. Specimens are fixed in formalin, **washed**, skinned, and eviscerated. After staining in a solution of alcian blue in acetic acid-alcohol for 24-48 hours, they are transferred to **water** through graded alcohols. Excess alcian blue is removed over a period of up to three weeks by changes every 2-3. . . this in a solution of alizarin red S in 0.5% KOH. Specimens are bleached if necessary and dehydrated through graded KOH-**glycerine** mixtures for storage in **glycerine**. Since alcohol treatment in addition to formalin fixation does not affect results with this method, it should be useful to. . .

=> d 7 ibib kwic

L11 ANSWER 7 OF 11 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 4
ACCESSION NUMBER: 76077570 EMBASE
DOCUMENT NUMBER: 1976077570
TITLE: Tannic acid iron alum reaction: stain of choice for macroscopic sections of brain to be embedded in plastic.
AUTHOR: Gregg R.V.
CORPORATE SOURCE: Dept. Anat., Univ. Louisville Sch. Med., Hlth Sci. Cent., Louisville, Ky. 40201, United States
SOURCE: Stain Technology, (1975) 50/2 (87-91).
CODEN: STTEAW
DOCUMENT TYPE: Journal
FILE SEGMENT: 001 Anatomy, Anthropology, Embryology and Histology
005 General Pathology and Pathological Anatomy
LANGUAGE: English
AB . . . too dark for plastic embedded specimens. A modification of this method designed to overcome this difficulty is described. Staining procedure: **wash** formalin fixed brain slices overnight in running **water**. **Wash** in distilled **water**, 2 changes, 30 min each. Place slices individually in Mulligan's sollution at a

temperature of 60-65C for 4 min. Rinse in ice **water** for 10 sec. Mordant in 0.4% tannic acid in distilled **water** for 1 min. **Wash** in running tap **water** for 1 min. Develop in 0.08% ferric ammonium sulfate in distilled **water** until gray matter is light gray, about 10-15 sec. **Wash** in lukewarm running **water** for 1 hr, then gently hand rub whitish film from myelinated surfaces. Store briefly in 3% formalin or 25% **glycerine** if necessary depending on plastic embedding procedure to be followed.

=> d 8 ibib kwic

L11 ANSWER 8 OF 11 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.
ACCESSION NUMBER: 75042498 EMBASE
DOCUMENT NUMBER: 1975042498
TITLE: A microrefractometric study of dry mass changes in isoproterenol enlarged salivary glands of the rat.
AUTHOR: Gerzeli G.; Mira E.; Bernocchi G.
CORPORATE SOURCE: Inst. Comp. Anat., Univ. Pavia, Italy
SOURCE: Acta Anatomica, (1974) 88/2 (245-266).
CODEN: ACATA5
DOCUMENT TYPE: Journal
FILE SEGMENT: 037 Drug Literature Index
005 General Pathology and Pathological Anatomy
030 Pharmacology
LANGUAGE: English
AB . . . (IPR) twice daily for 7 days. Unfixed and ethanol fixed cryostat sections were observed with a Leitz interference microscope, using **glycerine** or distilled **water** as the immersion medium. On the basis of the microrefractometric measurements, it was possible to distinguish protoplasmatic fractions. These components can be defined by their behavior relative to ethanol fixation and **washing** with **water**. IPR administration produces characteristic modifications of the submaxillary glands, accompanied by variations in these protoplasmic fractions. In particular, the cytoplasm. . .

=> d 9 ibib kwic

L11 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1967:402273 CAPLUS
DOCUMENT NUMBER: 67:2273
TITLE: Edible sausage casing
PATENT ASSIGNEE(S): Tee-Pak, Inc.
SOURCE: Neth. Appl., 22 pp.
CODEN: NAXXAN
DOCUMENT TYPE: Patent
LANGUAGE: Dutch
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
NL 6608760	A	19670116	NL 1966-8760	19660623
US 3425846	A	19690204	US 1965-471645	19650713

PRIORITY APPLN. INFO.: US 1965-471645 19650713
AB Skins were treated with a lime soln., preferably for 3-12 hrs., after which they were washed; the epidermis, and the rest of the hair removed, the skins minced at a temp. <20.degree., and the wash treated with acid at

a pH of 2.5-3.7; the wash is extruded to give a collagen tube. Thus, skins of heifers were treated at 10.degree. for 3 hrs. in a lime soln., (contg. 5% Ca(OH)2, 1% NaSH, and 3% ((Me)2NH2)2SO4 and equaling <300 wt.% of the treated skins). After washing, defatting, and removing of the hair and epidermis, the skins are cut in pieces. After mincing in a mincing machine, preferably at a temp. <10.degree., and mixing with water, a mixt. contg. 90% water and 10% collagen is obtained. After acidifying to pH 2.5-3.7 with dild. lactic acid, and holding for a night at 3.degree., the soln. is dild. with water and acid until the paste contains .apprx.4% collagen and 1.2% lactic acid. After homogenization, filtering, and deaeration the collagen mash is coagulated with 42% (NH4)2SO4. The film is tanned (10% FeNH4(SO4)2 and 20% (NH4)2SO4, **washed** and taken up into 5% **glycerine** in **water**, dried, and inflated.

=> d 10 ibib kwic

L11 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1965:38370 CAPLUS
DOCUMENT NUMBER: 62:38370
ORIGINAL REFERENCE NO.: 62:6794c-d
TITLE: Histochemical demonstration of muscle lipase
AUTHOR(S): Bokdawala, F. D.; George, J. C.
CORPORATE SOURCE: Univ. Baroda, India
SOURCE: J. Histochem. Cytochem. (1964), 12(10), 768-71
DOCUMENT TYPE: Journal
LANGUAGE: English
AB An improved method which avoids production of the artifacts obtained with Pb(NO3)2 methods (cf. Gomori, G., Microscopic Histochem., Univ. of Chicago Press, 1952 273 pp.). Fatty acids liberated by hydrolysis of Tween 85 (poly(oxyethylene)sorbitan trioleate) by lipase react with CaCl2 to form an insol. Ca soap which is then colored with Alizarin Red S. Fresh frozen sections (10-15 .mu.) of muscle were cut into cold neutral 6% formalin and fixed for 4 hrs. at 5.degree.. The sections were mounted on slides, dried, coated with 1% gelatin, and fixed for 30 min. in cold neutral formalin. After washing for 30 min., they were placed in borate buffer (pH 8.0) contg. 0.002M Versene for 1-15 min. at 5.degree. and again washed. They were then incubated for 16 hrs. at 37.degree. in a medium contg. Tween 85; controls were boiled 10-15 min. before incubation with Tween 85. After **washing**, the slides were immersed in 1% Alizarin Red S at pH 6.3-6.8 for 30 sec., rapidly rinsed in distd. **water**, and mounted in **glycerine** jelly. Sites of lipase activity (the mitochondria) appeared orange-red against a faint pink background. The staining is very stable over long periods. Versene treatment is essential to removed endogenous Ca.

=> d 11 ibib kwic

L11 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1948:20408 CAPLUS
DOCUMENT NUMBER: 42:20408
ORIGINAL REFERENCE NO.: 42:4390a
TITLE: Reclaiming rubber
INVENTOR(S): Rebmann, Alfons

DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CH 215952		19411101	CH	

AB Scrap rubber after maceration is heated to over 150.degree. at over atm. pressure in a hermetically sealed container with 1/5 mass of thiophenol, whereby it is restored to its prevulcanization condition. The thiophenol is removed by **washing** with **water**, **glycerine**, or oil.

=> s polysaccharide or alginate or carboxymethylcellulose or collagen or agar o polyethylene oxide or glycol methacrylate or carageenan or gelatin or gum
L12 463145 POLYSACCHARIDE OR ALGINATE OR CARBOXYMETHYLCELLULOSE OR COLLAGEN
OR AGAR O POLYETHYLENE OXIDE OR GLYCOL METHACRYLATE OR CARAGEEN
AN OR GELATIN OR GUM

=> s l12(s)(calcium citrate)
L13 35 L12(S)(CALCIUM CITRATE)

=> s l13 and foam
L14 0 L13 AND FOAM

=> dup rem l13
PROCESSING COMPLETED FOR L13
L15 30 DUP REM L13 (5 DUPLICATES REMOVED)

=> d ibib kwic

L15 ANSWER 1 OF 30 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 1
ACCESSION NUMBER: 2002439571 EMBASE
TITLE: Relative bioavailability of calcium-rich dietary sources in
the elderly.
AUTHOR: Martini L.; Wood R.J.
CORPORATE SOURCE: R.J. Wood, Mineral Bioavailability Laboratory, JM USDA Human Nutr. Res. Ctr. Aging, Tufts University, 711 Washington Street, Boston, MA 02111, United States. rwood@hnrc.tufts.edu
SOURCE: American Journal of Clinical Nutrition, (1 Dec 2002) 76/6 (1345-1350).
Refs: 27
ISSN: 0002-9165 CODEN: AJCNAC
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 020 Gerontology and Geriatrics
029 Clinical Biochemistry
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English
AB . . . in meeting their calcium requirement. Objective: We determined the bioavailability of calcium from 3 different sources: orange juice fortified with **calcium-citrate** malate, skim milk, and a calcium carbonate supplement. Design: Twelve subjects [9 women and 3 men

with a mean (.+-.. . . (P < 0.0001), serum 1,25-dihydroxyvitamin D decreased by 20% (P < 0.0001), and a biomarker of bone resorption (serum N-telopeptide **collagen** cross-links) decreased by 14% (P < 0.02) compared with the low-calcium diet period. However, no differences among the supplemental calcium. . .

=> d 2 ibib kwic

L15 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2001:179809 CAPLUS
DOCUMENT NUMBER: 134:227383
TITLE: Antiflatulent composition
INVENTOR(S): Day, Charles E.
PATENT ASSIGNEE(S): USA
SOURCE: U.S., 4 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6200605	B1	20010313	US 1998-182695	19981029

PRIORITY APPLN. INFO.: US 1997-64407P P 19971030
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT
IT 50-21-5, Lactic acid, biological studies 62-54-4, Calcium acetate 64-19-7, Acetic acid, biological studies 65-85-0, Benzoic acid, biological studies 72-17-3, Sodium lactate 77-92-9, Citric acid, biological studies 79-09-4, Propionic acid, biological studies 107-92-6, Butyric acid, biological studies 110-44-1, Sorbic acid 121-34-6, Vanillic acid 127-08-2, Potassium acetate 127-09-3, Sodium acetate 128-37-0, Butylated hydroxytoluene, biological studies 137-40-6, Sodium propionate 156-54-7, Sodium butyrate 327-62-8, Potassium propionate 530-57-4, Syringic acid 532-32-1, Sodium benzoate
582-25-2, Potassium benzoate 589-39-9, Potassium butyrate 814-80-2, Calcium lactate 994-36-5, Sodium citrate 996-31-6, Potassium lactate 2090-05-3, Calcium benzoate 4075-81-4, Calcium propionate 5743-36-2, Calcium butyrate 7492-55-9, Calcium sorbate 7693-13-2, **Calcium citrate** 7757-81-5, Sodium sorbate 7778-49-6, Potassium citrate 9000-69-5, Pectin 9000-69-5D, Pectin, amidated 10267-81-9 24634-61-5, Potassium sorbate 25013-16-5, Butylated hydroxyanisole 28508-48-7 52509-82-7 199806-86-5 329320-56-1 329320-57-2
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(antiflatulent compns. contg. **polysaccharide** and preservative)

=> d 3 ibib kwic

L15 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 2002:76850 CAPLUS
DOCUMENT NUMBER: 137:190516
TITLE: Production of alginate beads by emulsification/internal gelation
AUTHOR(S): Poncelet, D.

CORPORATE SOURCE: Ecole Nationale d'Ingenieurs des Techniques des Industries Agricoles et, Nantes, 44322, Fr.
SOURCE: Annals of the New York Academy of Sciences (2001), 944(Bioartificial Organs III), 74-82
CODEN: ANYAA9; ISSN: 0077-8923
PUBLISHER: New York Academy of Sciences
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT
IT 471-34-1, Calcium carbonate, biological studies 7693-13-2, **Calcium citrate** 9005-38-3, Sodium alginate
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP
(Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(prepn. of **alginate** beads by emulsification/internal gelation)

=> d 4 ibib kwic

L15 ANSWER 4 OF 30 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 2
ACCESSION NUMBER: 2000033037 EMBASE
TITLE: Acute effects of oral calcium load on parathyroid function and on bone resorption in young men.
AUTHOR: Guillemant J.; Le H.-T.; Maria A.; Guillemant S.
CORPORATE SOURCE: Dr. S. Guillemant, Service de Biochimie Medicale, Faculte Medicine Pitie-Salpetriere, 91 boulevard de l'Hopital, F-75634 Paris Cedex 13, France
SOURCE: American Journal of Nephrology, (2000) 20/1 (48-52).
Refs: 9
ISSN: 0250-8095 CODEN: AJNED
COUNTRY: Switzerland
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 003 Endocrinology
028 Urology and Nephrology
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English
AB . . . oral load was able to inhibit bone resorption as assessed by urinary excretion of a new bone marker, type 1 **collagen** cross-linked C-telopeptide (CrossLaps(TM)), in healthy young male adults. Methods: Twenty healthy young male adults (age 22 .+-. 2 years) were studied. In one series of assays, an oral calcium load of 1 g of elemental
calcium as **calcium citrate** dissolved in 200 ml of low-calcium water was ingested, while in another series of assays the subjects ingested 200 ml. . .

=> d 5 ibib kwic

L15 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1999:273548 CAPLUS
DOCUMENT NUMBER: 130:281181
TITLE: Gum-containing cheese culture medium and method for preparing no-fat and low-fat cheese products
INVENTOR(S): Adamany, Anthony M.; Henry, Thomas M.; Moore, Deborah

P.; Filkouski, Craig S.
PATENT ASSIGNEE(S): Conagra, Inc., USA
SOURCE: U.S., 7 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5895671	A	19990420	US 1996-664435	19960618
US 6258389	B1	20010710	US 1999-251127	19990216
US 2001046532	A1	20011129	US 2001-900932	20010709
US 6506426	B2	20030114		

PRIORITY APPLN. INFO.: US 1996-16709P P 19960502
US 1996-664435 A1 19960618
US 1999-251127 XX 19990216
REFERENCE COUNT: 58 THERE ARE 58 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT
IT 304-59-6, Sodium potassium tartrate, biological studies 994-36-5, Sodium
citrate 7487-88-9, Magnesium sulfate, biological studies 7558-79-4, Disodium phosphate 7558-80-7 7601-54-9, Trisodium phosphate 7632-05-5, Sodium phosphate 7693-13-2, **Calcium citrate** 7722-88-5, Tetrasodium pyrophosphate 7758-11-4, Dipotassium phosphate 7778-49-6, Potassium citrate 7785-88-8, Sodium aluminum phosphate 9000-07-1, Carrageenan gum 9000-30-0, Guar gum 9002-18-0, Agar 9005-25-8D, Starch, derivs., biological studies 9005-32-7, Alginic acid 10361-03-2, Sodium metaphosphate 11138-66-2, Xanthan gum 14475-11-7, Sodium tartrate, biological studies
RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)
(**gum**-contg. cheese culture medium and method for prepg. no-fat and low-fat cheese products)

=> d 6 ibib kwic

L15 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:507600 CAPLUS
DOCUMENT NUMBER: 129:246809
TITLE: Study on film forming of natural polymer alginate
AUTHOR(S): Wei, Fuxiang; Wang, Xinhui; Yang, Xiaoyu
CORPORATE SOURCE: Hebei University of Science and Technology, Shijiazhuang, 050018, Peop. Rep. China
SOURCE: Riyong Huaxue Gongye (1998), (1), 22-25
CODEN: RHGOE8; ISSN: 1001-1803
PUBLISHER: Qinggongyebu Kexue Jishu Qingbao Yanjiuso
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
IT 77-92-9, Citric acid, properties 87-69-4, Tartaric acid, properties 7693-13-2, **Calcium citrate**
RL: PRP (Properties)
(effect on film forming of natural polymer **alginate**)

=> d 6 ibib abs

L15 ANSWER 6 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1998:507600 CAPLUS
DOCUMENT NUMBER: 129:246809
TITLE: Study on film forming of natural polymer alginate
AUTHOR(S): Wei, Fuxiang; Wang, Xinhui; Yang, Xiaoyu
CORPORATE SOURCE: Hebei University of Science and Technology, Shijiazhuang, 050018, Peop. Rep. China
SOURCE: Riyong Huaxue Gongye (1998), (1), 22-25
CODEN: RHGOE8; ISSN: 1001-1803
PUBLISHER: Qinggongyebu Kexue Jishu Qingbao Yanjiuso
DOCUMENT TYPE: Journal
LANGUAGE: Chinese
AB The mechanism of film forming of Na alginate with CaCO3 as crosslinking agent was studied by IR spectrometry. A method for the film forming was presented, the effects of pH, dosage of CaCO3, temp. and additive type (siliceous earth and bentonite) on time of film forming were studied. The optimum film forming conditions were obtained as follows: pH 4 adjusted with citric acid, diatomaceous earth as additive, Na alginate:CaCO3:diatomaceous earth = 1:0.

=> d 7 ibib kwic

L15 ANSWER 7 OF 30 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 3
ACCESSION NUMBER: 97308826 EMBASE
DOCUMENT NUMBER: 1997308826
TITLE: The effect of intermittent slow-release sodium fluoride and continuous calcium citrate therapy on calcitropic hormones, biochemical markers of bone metabolism, and blood chemistry in postmenopausal osteoporosis.
AUTHOR: Zerwekh J.E.; Padalino P.; Pak C.Y.C.
CORPORATE SOURCE: J.E. Zerwekh, CMMCR, UTSMC, 5323 Harry Hines Blvd., Dallas, TX 75235-8885, United States
SOURCE: Calcified Tissue International, (1997) 61/4 (272-278).
Refs: 29
ISSN: 0171-967X CODEN: CTINDZ
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 003 Endocrinology
010 Obstetrics and Gynecology
033 Orthopedic Surgery
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English
AB . . . of bone turnover, serum chemistry, and blood hematology was performed in 75 postmenopausal women allocated to two groups: placebo plus **calcium citrate** (400 mg Ca B.I.D.) (n = 36) or intermittent slow-release sodium fluoride (SRNaF, 25 mg B.I.D.) plus **calcium citrate** (n = 39). After 2 years of therapy, a significant reduction in serum immunoreactive parathyroid hormone (PTH) was seen for. . . placebo and 138 .+-. 84-84 .+-. 38 for SRNaF, P = 0.001). Similar decreases in urinary N-telopeptide of type I **collagen** were also observed for both groups (305 .+-. 192-252 .+-. 197 nmoles BCE/day for placebo and 356 .+-. 230-220 .+-. 197, P = 0.0001

for SRNaF). Serum carboxyterminal propeptide of type I **collagen** (PICP) declined significantly in both the placebo and SRNaF groups (118 .+-. 38-101 .+-. 36 .mu.g/liter, and 116 .+-. 47-105. . . hematology or serum chemistries. Mean values for all parameters remained within established normal ranges. These findings suggest that administration of **calcium citrate** inhibited PTH secretion and thereby reduced bone resorption in both groups, indicated by a decline in serum PTH, urinary hydroxyproline, and N-telopeptide. A low turnover state of bone may have been produced in the placebo group taking **calcium citrate** alone, since serum PICP, BS-ALPase, and 1,25(OH)2D also decreased. The addition of SRNaF prevented serum 1,25(OH)2D from falling by an. . .

=> d 8 ibib kwic

L15 ANSWER 8 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1997:107400 CAPLUS
DOCUMENT NUMBER: 126:122510
TITLE: Modified osteogenic materials comprising collagen and demineralized bone particles
INVENTOR(S): Jefferies, Steven R.
PATENT ASSIGNEE(S): Biocoll Laboratories, Inc., USA
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9639203	A1	19961212	WO 1996-US9749	19960606
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
CA 2222626	AA	19961212	CA 1996-2222626	19960606
AU 9661074	A1	19961224	AU 1996-61074	19960606
EP 851772	A1	19980708	EP 1996-918400	19960606
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1192700	A	19980909	CN 1996-196049	19960606

PRIORITY APPLN. INFO.: US 1995-469982 19950606
WO 1996-US9749 19960606

IT 56-81-5, 1,2,3-Propanetriol, biological studies 62-54-4, Calcium acetate
140-99-8, Calcium succinate 142-17-6, Calcium oleate 544-17-2, Calcium formate 814-80-2, Calcium lactate 824-35-1, Calcium salicylate 1305-62-0, Calcium hydroxide (Ca(OH)2), biological studies 1305-78-8, Calcium oxide, biological studies 1592-23-0, Calcium stearate 7693-13-2, **Calcium citrate** 7778-18-9, Calcium sulfate 10043-52-4, Calcium chloride, biological studies 27214-00-2, Calcium glycerophosphate 127558-98-9
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(modified osteogenic materials comprising **collagen** and

demineralized bone particles)

=> d 9 ibib kwic

L15 ANSWER 9 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:483248 CAPLUS
DOCUMENT NUMBER: 125:113360
TITLE: Jellies and jelly bases containing alginate salts and chelating agents
INVENTOR(S): Iwasaki, Hideaki; Cho, Hideyoshi
PATENT ASSIGNEE(S): Lion Corp, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08154601	A2	19960618	JP 1994-329429	19941202

PRIORITY APPLN. INFO.: JP 1994-329429 19941202
IT 68-04-2, Trisodium citrate 77-92-9, Citric acid, biological studies 87-69-4, Tartaric acid, biological studies 676-46-0, Sodium malate 814-80-2, Calcium lactate 6915-15-7, Malic acid 7693-13-2, **Calcium citrate** 7722-88-5, Tetrasodium pyrophosphate 7757-93-9, Calcium hydrogen phosphate 9005-38-3, Sodium alginate 10103-46-5, Calcium phosphate 50813-16-6, Sodium metaphosphate
RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)
(jellies and jelly bases contg. **alginate** salts, Ca salts, and chelating agents)

=> d 10 ibib kwic

L15 ANSWER 10 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:164207 CAPLUS
DOCUMENT NUMBER: 124:200737
TITLE: Preservable gelatin gels for candies
INVENTOR(S): Yamaguchi, Katsunori; Kato, Akira
PATENT ASSIGNEE(S): Nippon Tobacco Sangyo, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08009901	A2	19960116	JP 1994-153809	19940705

PRIORITY APPLN. INFO.: JP 1994-153809 19940705
IT 57-48-7, D-Fructose, biological studies 77-92-9, biological studies 90-80-2, Glucono-.delta.-lactone 124-04-9, Hexanedioic acid, biological studies 133-37-9, DL-Tartaric acid 144-55-8, Sodium bicarbonate, biological studies 526-95-4, Gluconic acid 5550-12-9, Disodium 5'-guanylate 7647-14-5, Sodium chloride, biological studies 7693-13-2, **Calcium citrate** 9004-34-6, Cellulose, biological

studies
RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)
(in preservable **gelatin** gels for candies)

=> d 11 ibib kwic

L15 ANSWER 11 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1996:637060 CAPLUS
DOCUMENT NUMBER: 125:257239
TITLE: Gelatin hydrolyzate as a coadjuvant in treatment of calcium deficit
INVENTOR(S): Quijano Garcia, Pilar; Melendo Banos, Jaime; Benavent Quilez, Purificacion
PATENT ASSIGNEE(S): Masterfam, S.L., Spain
SOURCE: Span., 5 pp.
CODEN: SPXXAD
DOCUMENT TYPE: Patent
LANGUAGE: Spanish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ES 2087030	A1	19960701	ES 1994-1887	19940831
ES 2087030	B1	19970316		

PRIORITY APPLN. INFO.: ES 1994-1887 19940831
IT 50-81-7, Vitamin c, biological studies 59-43-8, Vitamin b1, biological studies 67-97-0, Vitamin d3 68-19-9, Vitamin b12 79-83-4, Vitamin b5
83-88-5, Vitamin b2, biological studies 98-92-0, Vitamin B3 471-34-1, Calcium carbonate, biological studies 7693-13-2, **Calcium citrate** 8059-24-3, Vitamin b6 12001-76-2, Vitamin b
RL: PEP (Physical, engineering or chemical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
(**gelatin** hydrolyzate as a coadjuvant in treatment of calcium deficit)

=> d 12 ibib kwic

L15 ANSWER 12 OF 30 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 4
ACCESSION NUMBER: 96259226 EMBASE
DOCUMENT NUMBER: 1996259226
TITLE: The effect of a short course of calcium and vitamin D on bone turnover in older women.
AUTHOR: Prestwood K.M.; Pannullo A.M.; Kenny A.M.; Pilbeam C.C.; Raisz L.G.
CORPORATE SOURCE: Travelers Center on Aging, University Connecticut Health Center,Farmington, CT 06030-5215, United States
SOURCE: Osteoporosis International, (1996) 6/4 (314-319).
ISSN: 0937-941X CODEN: OSINEP
COUNTRY: United Kingdom
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 020 Gerontology and Geriatrics
029 Clinical Biochemistry
033 Orthopedic Surgery
LANGUAGE: English
SUMMARY LANGUAGE: English
AB . . . health, without diseases or on medications known to affect bone,

were entered into the study. All women were treated with **calcium citrate** (1500 mg/day of elemental calcium) and vitamin D3 (1000 IU/day) (Ca + D) for 6 weeks. Biochemical markers of bone. . . I procollagen peptide. Markers of bone resorption were urinary hydroxyproline, free pyridinoline and deoxypyridinoline crosslinks, and N-telopeptides of type I **collagen**. Parathyroid hormone (PTH) and 25-hydroxyvitamin D were also measured at baseline, 6 weeks on treatment and 6 weeks after termination. . .

=> d 13 ibib kwic

L15 ANSWER 13 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:869563 CAPLUS
DOCUMENT NUMBER: 123:266132
TITLE: Pharmaceutical compositions for treatment of hangover
INVENTOR(S): Baado, Eru Kamasu; Baanetsuto, Jee Burimubaagu
PATENT ASSIGNEE(S): Baanetsuto Lab Ltd, USA
SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07206689	A2	19950808	JP 1994-5105	19940121

PRIORITY APPLN. INFO.: JP 1994-5105 19940121
AB Pharmaceutical compns. (oral pharmaceutical suspensions) for treatment of hangover comprise e.g. acetoaminophen 8.0, magnesium trisilicate 6.0, **calcium citrate** 10.0, calcium carbonate 2.8, caffeine 1.6, glycerol 50.48, xanthan **gum** 0.24, and purified water 40.0 parts (final pH .ltoreq. 9). The compns. may also contain preservatives such as methylparaben and propylparaben, carbohydrates such as dextrose (as energy sources), liq. caramel, and spearmint oil.

=> d 14 ibib kwic

L15 ANSWER 14 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1995:172805 CAPLUS
DOCUMENT NUMBER: 122:104212
TITLE: Utilization of high hydrostatic pressure to make alginate gels
AUTHOR(S): Shioya, Toshiaki; Hirano, Ryogo; Tobitani, Atsumi
CORPORATE SOURCE: Technical Research Institute, Snow Brand Milk Products
Co., Ltd., Kawagoe, 350, Japan
SOURCE: Food Hydrocolloids [Proc. Int. Conf. Ind. Exhib.] (1993), Meeting Date 1992, 265-8. Plenum: New York, N.Y.
CODEN: 60QLAL
DOCUMENT TYPE: Conference
LANGUAGE: English
IT 299-28-5, Calcium gluconate 471-34-1, Calcium carbonate, processes 814-80-2, Calcium lactate 7440-70-2, Calcium, processes 7693-13-2, **Calcium citrate** 10043-52-4, Calcium chloride, processes
RL: PEP (Physical, engineering or chemical process); PROC (Process)

(in **alginate** gel prepn.)

=> d 15 ibib kwic

L15 ANSWER 15 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1993:37900 CAPLUS
DOCUMENT NUMBER: 118:37900
TITLE: Polysaccharide gels, their manufacture and uses
INVENTOR(S): Shiotani, Toshiaki; Hirano, Ryogo
PATENT ASSIGNEE(S): Snow Brand Milk Products Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04258260	A2	19920914	JP 1991-40892	19910212
JP 3164831	B2	20010514		

PRIORITY APPLN. INFO.: JP 1991-40892 19910212
IT 299-28-5, Calcium gluconate 5497-50-7, Calcium DL-lactate 7693-13-2, **Calcium citrate** 9005-38-3, Sodium alginate 9049-34-7, Low-methoxy pectin 10043-52-4, Calcium chloride, reactions
RL: BIOL (Biological study)
(in prepn. of **polysaccharide** gel using polyvalent ions)

=> d 16 ibib kwic

L15 ANSWER 16 OF 30 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V.DUPLICATE 5
ACCESSION NUMBER: 92139764 EMBASE
DOCUMENT NUMBER: 1992139764
TITLE: Hyperphosphatemia: Its consequences and treatment in patients with chronic renal disease.
AUTHOR: Delmez J.A.; Slatopolsky E.
CORPORATE SOURCE: Chromalloy American Kidney Center, Washington University, School of Medicine, One Barnes Hospital Plaza,St Louis, MO 63110, United States
SOURCE: American Journal of Kidney Diseases, (1992) 19/4 (303-317).
ISSN: 0272-6386 CODEN: AJKDDP
COUNTRY: United States
DOCUMENT TYPE: Journal; General Review
FILE SEGMENT: 006 Internal Medicine
028 Urology and Nephrology
037 Drug Literature Index
LANGUAGE: English
SUMMARY LANGUAGE: English
AB . . . of phosphorus per calcium absorbed than calcium carbonate. Whether use of this compound decreases the incidence of hypercalcemia is unproven. **Calcium citrate** increases the gastrointestinal absorption of aluminum and offers no advantage over calcium carbonate. Other compounds, such as calcium ketoacids and calcium **alginate**, have not been extensively studied and are not generally available. The use of phosphorus binders containing magnesium in conjunction with. . .

=> d 17 ibib kwic

L15 ANSWER 17 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1990:439223 CAPLUS
DOCUMENT NUMBER: 113:39223
TITLE: Manufacture of heat-resistant solid food-stuffed gels using gellan gum, gelatin, and metal salts
INVENTOR(S): Kikuoka, Yukinori
PATENT ASSIGNEE(S): San-Ei Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02079942	A2	19900320	JP 1988-232998	19880916

PRIORITY APPLN. INFO.: JP 1988-232998 19880916
IT 142-47-2 299-28-5, Calcium gluconate 546-93-0, Magnesium carbonate 7647-14-5, Sodium chloride, biological studies 7693-13-2, **Calcium citrate** 9005-38-3, Sodium alginate 10043-52-4, Calcium chloride, biological studies
RL: BIOL (Biological study)
(gels contg. gellan **gum** and **gelatin** and, solid food-stuffed, heat-resistant)

=> d 18 ibib kwic

L15 ANSWER 18 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1989:560009 CAPLUS
DOCUMENT NUMBER: 111:160009
TITLE: Oily makeup cosmetics containing metal compounds and alginate salts
INVENTOR(S): Sato, Norimasa
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01096111	A2	19890414	JP 1987-255108	19871008
JP 2519186	B2	19960731		

PRIORITY APPLN. INFO.: JP 1987-255108 19871008
IT 137-08-6, Calcium pantothenate 814-80-2, Calcium lactate 7693-13-2, **Calcium citrate** 7778-18-9, Calcium sulfate 21645-51-2, Aluminum hydroxide, biological studies
RL: BIOL (Biological study)
(makeup cosmetics contg. **alginate** salt and)

=> d 19 ibib kwic

L15 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1989:425228 CAPLUS
DOCUMENT NUMBER: 111:25228
TITLE: Manufacture of alginic acid gels
INVENTOR(S): Nai, Ri
PATENT ASSIGNEE(S): Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01045401	A2	19890217	JP 1987-202631	19870815

PRIORITY APPLN. INFO.: JP 1987-202631 19870815
IT 814-80-2, Calcium lactate 994-36-5, Sodium citrate 1305-62-0, Calcium hydroxide, uses and miscellaneous 7693-13-2, **Calcium citrate** 7778-18-9, Calcium sulfate 9004-67-5, Methyl cellulose 10043-52-4, Calcium chloride, uses and miscellaneous 10124-56-8
RL: USES (Uses)
(coagulants, for **alginate** gels)

=> d 20 ibib kwic

L15 ANSWER 20 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1989:529805 CAPLUS
DOCUMENT NUMBER: 111:129805
TITLE: Method for manufacture of immobilized enzymes or immobilized microorganisms
INVENTOR(S): Tanaka, Hideo; Irie, Shinji
PATENT ASSIGNEE(S): Kibun Co., Ltd., Japan; Kibun Food Chemifa Co., Ltd.
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63160584	A2	19880704	JP 1986-306545	19861224
JP 04016155	B4	19920323		

PRIORITY APPLN. INFO.: JP 1986-306545 19861224
IT 50-21-5, Lactic acid, biological studies 68-04-2, Sodium citrate 72-17-3, Sodium lactate 77-92-9, Citric acid, biological studies 139-33-3 471-34-1, Calcium carbonate, biological studies 563-72-4 996-31-6, Potassium lactate 7440-70-2, Calcium, biological studies 7558-79-4, Sodium monohydrogen phosphate 7558-80-7, Sodium dihydrogen phosphate 7601-54-9, Trisodium phosphate 7693-13-2, **Calcium citrate** 7757-82-6, Sodium sulfate, biological studies 7757-93-9, Calcium monohydrogen phosphate 7758-11-4, Potassium monohydrogen phosphate 7778-49-6, Potassium citrate 7778-53-2, Tripotassium phosphate 7778-77-0, Potassium dihydrogen phosphate 7778-80-5, Potassium sulfate, biological studies 10043-52-4, Calcium chloride, biological studies 10103-46-5, Calcium phosphate 50813-16-6,
Sodium metaphosphate

RL: BIOL (Biological study)
(in enzyme or **alginate** immobilization on sodium **alginate** prepns.)

=> d 19 ibib abs

L15 ANSWER 19 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1989:425228 CAPLUS
DOCUMENT NUMBER: 111:25228
TITLE: Manufacture of alginic acid gels
INVENTOR(S): Nai, Ri
PATENT ASSIGNEE(S): Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01045401	A2	19890217	JP 1987-202631	19870815

PRIORITY APPLN. INFO.: JP 1987-202631 19870815

AB Alginate gels (known to be health or fiber-rich dietary foods) are prepd. from alginic acid-contg. substances (e.g. seaweed, Kombu), metal compd. coagulants, and optionally gelation accelerators in H2O by mixing, and at the onset of gelation, immediately transferring to packaging containers in which the gel forms. The gels are firm and free of contamination resulting from collapse in conventional gelation. Mixing 300 g 1.2% aq. Na alginate with 1.1 g CuSO4.2H2O and 0, 0.0029, 0.014, 0.019, and 0.088%1% Na hexametaphosphate (as a 1% aq. soln, slurry consistency 20%) resulted in gelation onset after 5, 15, 30, 50, and 60 s, resp., with coagulation after 0.5, 1, 2, 3, and 5 min, resp.

=> d 21 ibib kwic

L15 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1989:28921 CAPLUS
DOCUMENT NUMBER: 110:28921
TITLE: Skin cosmetics containing calcium alginate powders
INVENTOR(S): Mori, Kenji
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63139108	A2	19880610	JP 1986-288396	19861202

PRIORITY APPLN. INFO.: JP 1986-288396 19861202

IT 7440-70-2D, Calcium, salts 7693-13-2, **Calcium citrate** 7778-18-9, Calcium sulfate 10043-52-4, Calcium chloride, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(reaction of, with sodium **alginate** in manuf. of calcium

alginate powder for cosmetics)

=> d 21 ibib abs

L15 ANSWER 21 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1989:28921 CAPLUS
DOCUMENT NUMBER: 110:28921
TITLE: Skin cosmetics containing calcium alginate powders
INVENTOR(S): Mori, Kenji
PATENT ASSIGNEE(S): Kanebo, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63139108	A2	19880610	JP 1986-288396	19861202

PRIORITY APPLN. INFO.: JP 1986-288396 19861202
AB A skin cosmetic contains fine spherical particles of hydrated Ca alginate prepd. by mixing an aq. soln. contg. alginic acid alkali metal salts with an aq. soln. contg. inorg. and org. acid Ca salts. The diam. of the particles is 0.05-5.0 mm. The cosmetic cleans and conditions the skin. A cleansing compn. was prepd. comprising Ca alginate powder 5.0, N-lauroyldimethylaminoacetate betaine 2.0, Carbopol-940 0.7, poly(vinyl alc.) 0.2, glycerin 5.0, methylparaben 0.1, diisopropanolamine 0.7, and H2O to 100% by wt.

=> d 22 ibib kwic

L15 ANSWER 22 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1988:472357 CAPLUS
DOCUMENT NUMBER: 109:72357
TITLE: Shaped gels containing sodium alginate, calcium carboxylate, and milk products
INVENTOR(S): Hara, Kazuo; Kiuchi, Fusayo; Shibuta, Shigenobu
PATENT ASSIGNEE(S): Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63000269	A2	19880105	JP 1986-141411	19860619

PRIORITY APPLN. INFO.: JP 1986-141411 19860619
IT 471-34-1, Calcium carbonate, biological studies 1305-62-0, Calcium hydroxide, biological studies 3164-34-9, Calcium tartrate 7693-13-2, **Calcium citrate** 9005-35-0, Calcium alginate 33242-26-1, Glycine calcium salt
RL: BIOL (Biological study)
(food gel manuf. from sodium **alginate** and milk and)

=> d 23 ibib kwic

L15 ANSWER 23 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1987:155102 CAPLUS
DOCUMENT NUMBER: 106:155102
TITLE: Manufacture of gel foods
INVENTOR(S): Hara, Kazuo
PATENT ASSIGNEE(S): Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61280240	A2	19861210	JP 1985-120123	19850603

PRIORITY APPLN. INFO.: JP 1985-120123 19850603
IT 7693-13-2, **Calcium citrate**
RL: BIOL (Biological study)
(gel food manuf. with sodium **alginate** and)

=> d 24 ibib kwic

L15 ANSWER 24 OF 30 CAPLUS COPYRIGHT 2003 ACS
ACCESSION NUMBER: 1987:89975 CAPLUS
DOCUMENT NUMBER: 106:89975
TITLE: Cosmetic packs containing alginates and metal salts
INVENTOR(S): Shimizu, Kazuhiko
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61251608	A2	19861108	JP 1985-93081	19850430

PRIORITY APPLN. INFO.: JP 1985-93081 19850430
IT 68-04-2, Sodium citrate 7693-13-2, **Calcium citrate**
7778-18-9, Calcium sulfate
RL: BIOL (Biological study)
(cosmetic pack contg. **alginate** and)
IT 9005-36-1, Potassium **alginate**
RL: BIOL (Biological study)
(cosmetic pack contg. **calcium citrate** and)

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